

ABSTRACT

A device for measuring the contrast of fringes in a Michelson interferometer at full field, including a Wollaston prism for diverting two perpendicular incident polarisations into two different emergent directions, the diverting apparatus being arranged within the interferometer as substitute for a single polariser. The device is of application to a Michelson interferometer used in an OCT tomographical system and includes apparatus for obtaining interferometric contrast without use of a modulation technique or synchronous detection methods.